

Category 5e, Keystone Jack Unshielded, Half, Fully Shielded Versions Category 6, Keystone Jack Unshielded, Half, Fully Shielded Versions

Features

- Easy to terminate, compact jack design.
- Significant margin over TIA/EIA 568-B & ISO/IEC 11801.
- Twists are maintained to within 1/2" (12.7mm).
- Available in 7 standard colors for easy color coding for any decoration purpose.
- Work in standard Keystone opening (0.58" X 0.78" or 14.732mm x 20.066mm).
- High-density configuration, for mounting more jacks in plates.
- Beryllium copper contacts for superior connectivity.
- IDC contact design eliminates need to strip individual conductors and ensures reliable termination.
- Can be re-terminated a minimum number of 250 times.
- Fit in panel, surface boxes and faceplates for different applications.
- Dust Cap/Retention Caps over termination provides strain relief.
- Supplied with color coded dust cover for dust and dampness protection.
- Tested with swept frequency 1-155 MHz for Category 5e and 1-250 MHz for Category 6.
- Accepts 110 punch down tool or Krone punch down tools.
- Color coded for 568A and 568B wiring scheme.

Physical Specifications:

- UL 94V-0 high-impact, fire-retardant ABS material.
- Beryllium Copper Contact: 50 micro inch (μ ") gold-plated pins over 100 micro inch (μ ") nickel layer.
- Feature staggered plug contacts.
- Take IDC 22-26 AWG wires.

Mechanical Specifications

- Insertion Life Cycle: 1,000 cycles (minimum)/I.D.C 250 cycles (minimum)
- Plug Retention Force: 30 lb. (minimum).
- Plug & Jack Contact Force: 100 g.

Electrical Specifications

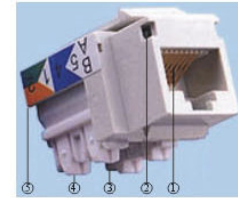
- Insulation Resistance: 500M Ω .
- Contact Resistance: 20M Ω .
- Current Rating: 1.5 Amps.
- DC Resistance: Max.0.1 Ω .
- Dielectric Withstand Voltage: 1,000VAC RMS @ 60Hz/1 min

Color Options: White, Black, Red, Yellow, Green, Blue, Orange.

Standards: ANSI/EIA/TIA 568B, ISO/IEC 11801.

Applications

- 1,000 Mbps Gigabit Ethernet (IEEE 802.3Z).
- 622 Mbps ATM.
- 155 Mbps ATM.
- 100 Mbps TP-PMD.
- 100 Mbps Fast Ethernet (IEEE 802.3U).
- 100 Mbps FDDI.
- 10 Mbps Ethernet (IEEE 802.3).
- 4 Mbps & 16Mbps Token-Ring (IEEE 802.5).
- ISDN.
- Analog voice.



UTP CAT5E Jack Unshielded

1. 50 micro inch (μ ") gold-plated pins over 100 micro inch (μ ") nickel layer
2. Dust Cover
3. IDC Termination (110 or Krone Type)
4. Dust Cap
5. 568A/B Identification



UTP CAT5E Keystone Fully Shielded, Half & Unshielded Jacks



UTP CAT5E Unshielded Keystone Jacks



UTP CAT6 Unshielded Keystone Jacks

• Pin Assignment

EIA/TIA T568A Pairs	Jack RJ45	110 Clip Color Code	EIA/TIA T568B Pairs	Jack RJ45	110 Clip Color Code
#1	5	White/Blue	#1	5	White/Blue
	4	Blue/White		4	Blue/White
#2	3	White/Orange	#2	1	White/Orange
	6	Orange/White		2	Orange/White
#3	1	White/Green	#3	3	White/Green
	2	Green/White		6	Green/White
#4	7	White/Brown	#4	7	White/Brown
	8	Brown/White		8	Brown/White

• Ordering Information

Part No.	Description
AD-KM-5e-A/B-180-XX	CAT 5e, 8P8C, 180°C, Unshielded T568A/B Wiring
AD-KM-C6-A/B-180-XX	CAT 6, 8P8C, 180°C, Unshielded T568A/B Wiring
AD-KM-C5e-A/B-45-XX	CAT 5e, 8P8C, 45°C, Unshielded T568A/B Wiring
AD-KM-C6-A/B-45-XX	CAT 6, 8P8C, 45°C, Unshielded T568A/B Wiring
AD-KM-C5eS-A/B-180-XX	CAT 5e, 8P8C, 180°C, Shielded, T568A/B Wiring
AD-KM-C6S-A/B-180-XX	CAT 6, 8P8C, 180°C, Shielded, T568A/B Wiring
AD-KM-C5eS-A/B-45-XX	CAT 5e, 8P8C, 45°C, Shielded, T568A/B Wiring
AD-KM-C6S-A/B-45-XX	CAT 6, 8P8C, 45°C, Shielded, T568A/B Wiring
AD-KM-C5eFS-A/B-180-XX	CAT 5e, 8P8C, 180°C, Full Shielded, T568A/B Wiring
AD-KM-C6FS-A/B-180-XX	CAT 6, 8P8C, 180°C, Full Shielded, T568A/B Wiring
AD-KM-C5eFS-A/B-45-XX	CAT 5e, 8P8C, 45°C, Full Shielded, T568A/B Wiring
AD-KM-C6FS-A/B-45-XX	CAT 6, 8P8C, 45°C, Full Shielded, T568A/B Wiring
AD-KM-FSC	Full Shielded shell cover

■ Dust Cover

Each Keystone Jack is supplied with color coded dust cover to match with jack color.
Each dust cover is marked with icon of monitor (for data), telephone (for voice) or left blank.

• Ordering information

Part No.	Description
AD-KM-DI-XX	Monitor icon for data
AD-KM-VI-XX	Telephone icon for voice
AD-KM-BI-XX	Blank icon

XX=Color Code: BK-Black RD-Red GN-Green
YL-Yellow BL-Blue WH-White
OR-Orange GY-Grey IV-Ivory



Dust Cover